

Form PTO-1449 (modified)

Atty. Docket No.  
SONN:013US/MBWSerial No.  
10/014,927

List of Patents and Publications for Applicant's

Applicant  
Andrea Barta *et al.*

INFORMATION DISCLOSURE STATEMENT

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Filing Date:  
October 23, 2001Group:  
UnknownU.S. Patent Documents  
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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
b	C1 ✓	Allain <i>et al.</i> , "Structural basis of the RNA-binding specificity of human U1A protein," <i>EMBO J.</i> , 16:5764-5774, 1997.
	C2 ✓	Amrein <i>et al.</i> , "The role of specific protein-RNA and protein-protein interactions in positive and negative control of pre-mRNA splicing by transformer 2," <i>Cell</i> , 76:735-746, 1994.
	C3 ✓	Breitbart <i>et al.</i> , "Alternative splicing: a ubiquitous mechanism for the generation of multiple protein isoforms from single genes," <i>Ann. Rev. Biochem.</i> , 56:467-495, 1987.
	C4 ✓	Caceres and Krainer, "Functional analysis of pre-mRNA splicing factor SF2/ASF structural domains," <i>EMBO J.</i> , 12:4715-4726, 1993.
	C5 ✓	Caceres <i>et al.</i> , "A specific subset of SR proteins shuttles continuously between the nucleus and the cytoplasm," <i>Genes &amp; Dev.</i> , 12:55-66, 1998.
	C6 ✓	Caceres <i>et al.</i> , "Regulation of alternative splicing in Vivo by overexpression of antagonistic splicing factors," <i>Science</i> , 265:1706-1709, 1994.
	C7 ✓	Caceres <i>et al.</i> , "Role of the modular domains of SR proteins in subnuclear localization and alternative splicing specificity," <i>J. Cell Biol.</i> , 138:225-238, 1997.
	C8 ✓	Cavaloc <i>et al.</i> , "Characterization and cloning of the human splicing factor 9G8: a novel 35 kDa factor of the serine/arginine protein family," <i>EMBO J.</i> , 13:2639-2649, 1994.
	C9 ✓	Chabot, "Directing alternative splicing: cast and scenarios," <i>TIG</i> , 12: 472-478, 1996.

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*Chris Baum*

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<u>B</u>	C10 <input checked="" type="checkbox"/>	Diamond <i>et al.</i> , "Novel delayed-early and highly insulin-induced growth response genes," <i>J. Biol. Chem.</i> , 268:15185-15192, 1993. —
	C11 <input checked="" type="checkbox"/>	Dietrich <i>et al.</i> , "A novel zinc finger protein is encoded by the arabidopsis LSD1 gene and functions as a negative regulator of plant cell death," <i>Cell</i> , 88:685-694, 1997. —
	C12 <input checked="" type="checkbox"/>	Ditta <i>et al.</i> , "Broad host range DNA cloning system for Gram-negative bacteria: construction of a gene bank of <i>Rhizobium meliloti</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 77:7347-7351, 1980. —
	C13 <input checked="" type="checkbox"/>	Fu and Maniatis, "Isolation of a complementary DNA that encodes the mammalian splicing factor SC35," <i>Science</i> , 256:535-538, 1992. —
	C14 <input checked="" type="checkbox"/>	Fu, "Specific commitment of different pre-mRNAs to splicing by single SR proteins," <i>Nature</i> , 365:82-85, 1993. —
	C15 <input checked="" type="checkbox"/>	Fu, "The superfamily of arginine/serine-rich splicing factors," <i>RNA</i> , 1:663-680, 1995. —
	C16 <input checked="" type="checkbox"/>	Ge and Manley, "A protein factor, ASF, controls cell-specific alternative splicing of SV40 early Pre-mRNA in vitro," <i>Cell</i> , 62:25-34, 1990. —
	C17 <input checked="" type="checkbox"/>	Ge <i>et al.</i> , "Primary structure of the human splicing factor ASF reveals similarities with <i>Drosophila</i> regulators," <i>Cell</i> , 66:737-382, 1991. —
	C18 <input checked="" type="checkbox"/>	Hanamura <i>et al.</i> , "Regulated tissue-specific expression of antagonistic pre-mRNA splicing factors," <i>RNA</i> , 4:430-444, 1998. —
	C19 <input checked="" type="checkbox"/>	Hedley <i>et al.</i> , "An amino acid sequence motif sufficient for subnuclear localization of an arginine/serine-rich splicing factor," <i>Proc. Natl. Acad. Sci. USA</i> , 92:11524-11528, 1995. —
	C20 <input checked="" type="checkbox"/>	Jumaa <i>et al.</i> , "Regulated expression and RNA processing of transcripts from the Srp20 splicing factor gene during the cell cycle," <i>Mol. Cell Biol.</i> , 17:3116-3124, 1997. —
	C21 <input checked="" type="checkbox"/>	Kim <i>et al.</i> , "The <i>Drosophila</i> RNA-binding protein RBP1 is localized to transcriptionally active sites of chromosomes and shows a functional similarity to human splicing factor ASF/SF2," <i>Genes &amp; Dev.</i> , 6:2569-2579, 1992. —
	C22 <input checked="" type="checkbox"/>	Kohtz <i>et al.</i> , "Protein-protein interactions and 5'-splice-site recognition in mammalian mRNA precursors," <i>Nature</i> , 368:119-124, 1994. —
	C23 <input checked="" type="checkbox"/>	Krainer <i>et al.</i> , "Purification and characterization of pre-mRNA splicing factor SF2 from HeLa cells," <i>Genes &amp; Dev.</i> , 4:1158-1171, 1990. —

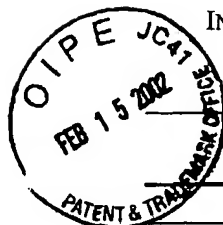
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B	C24 ✓	Krainer <i>et al.</i> , "The essential pre-mRNA splicing factor SF2 influences 5' splice site selection by activating proximal sites," <i>Cell</i> , 62:35-42, 1990. ✓
	C25 ✓	Li and Bingham, "Arginine/serine-rich domains of the su(w <sup>+</sup> ) and tra RNA processing regulators target proteins to a subnuclear compartment implicated in splicing," <i>Cell</i> , 67:335-342, 1991. ✓
	C26 ✓	Lopato <i>et al.</i> , "at SRp30, one of two SF2/ASF-like proteins from <i>Arabidopsis thaliana</i> , regulates splicing of specific plant genes," <i>Genes &amp; Dev.</i> , 13:987-1001, 1999. ✓
	C27 ✓	Lou <i>et al.</i> , "An intron enhancer recognized by splicing factors activates polyadenylation," <i>Genes &amp; Dev.</i> , 10:208-219, 1996. ✓
	C28 ✓	Manley and Tacke, "SR proteins and splicing control," <i>Genes &amp; Dev.</i> , 10:1569-1579, 1996. ✓
	C29 ✓	Mayeda and Krainer, "Regulation of alternative pre-mRNA splicing by hnRNP A1 and splicing factor SF2," <i>Cell</i> , 68:365-375, 1992. ✓
	C30 ✓	Mayeda <i>et al.</i> , "Function of conserved domains of hnRNP A1 and other hnRNP A/B proteins," <i>EMBO J.</i> , 13:5483-5495, 1994. ✓
	C31 ✓	Mayeda <i>et al.</i> , "Two members of a conserved family of nuclear phosphoproteins are involved in pre-mRNA splicing," <i>Proc. Natl. Acad. Sci. USA</i> , 89:1301-1304, 1992. ✓
	C32 ✓	Morrison <i>et al.</i> , "smg mutants affect the expression of alternatively spliced SR protein mRNAs in <i>Caenorhabditis elegans</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 94:9782-9785, 1997. ✓
	C33 ✓	Ramchatesingh <i>et al.</i> , "A subset of SR proteins activates splicing of the cardiac troponin T alternative exon by direct interactions with an exonic enhancer," <i>Mol. Cell. Biol.</i> , 15:4898-4907, 1995. ✓
	C34 ✓	Roth <i>et al.</i> , "A conserved family of nuclear phosphoproteins localized to sites of polymerase II transcription," <i>J. Cell Biol.</i> , 115:587-596, 1991. ✓
	C35 ✓	Screaton <i>et al.</i> , "Identification and characterization of three members of the human SR family of pre-RNA splicing factors," <i>EMBO J.</i> , 14:4336-4349, 1995. ✓
	C36 ✓	Staknis and Reed, "SR proteins promote the first specific recognition of pre-mRNA and are present together with the U1 small nuclear ribonucleoprotein particle in a general splicing enhancer complex," <i>Mol. Cell Biol.</i> , 14:7670-7682, 1994. ✓

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b	C37 ✓	Sun <i>et al.</i> , "General splicing factor SF2/ASF promotes alternative splicing by binding to an exonic splicing enhancer," <i>Genes &amp; Dev.</i> , 7:2598-2608, 1993. ✓
	C38 ✓	Tacke and Manley, "The human splicing factors ASF/SF2 and SC35 possess distinct, functionally significant RNA binding specificities," <i>EMBO J.</i> , 14:3540-3551, 1995. ✓
	C39 ✓	Tian and Maniatis, "A splicing enhancer complex controls alternative splicing of doublesex pre-mRNA," <i>Cell</i> , 74:105-114, 1993. ✓
	C40 ✓	Valcarcel and Green, "The SR protein family: pleiotropic functions in pre-mRNA splicing," <i>Trends Biochem.</i> , 21:296-301, 1996. ✓
	C41 ✓	Vellard <i>et al.</i> , "A potential splicing factor is encoded by the opposite strand of the trans-spliced c-myc exon," <i>Proc. Natl. Acad. Sci. USA</i> , 89:2511-2515, 1992. ✓
	C42 ✓	Wang and Manley, "Overexpression of the SR proteins ASF/SF2 and SC35 influences alternative splicing in vivo in diverse ways," <i>RNA</i> , 1:335-346, 1995. ✓
	C43 ✓	Wu and Maniatis, "Specific interactions between proteins implicated in splice site selection and regulated alternative splicing," <i>Cell</i> , 75:1061-1070, 1993. ✓
	C44 ✓	Yang <i>et al.</i> , "The A1 and A1 <sup>B</sup> proteins of heterogeneous nuclear ribonucleoproteins modulate 5' splice site selection in vivo," <i>Proc. Natl. Acad. Sci. USA</i> , 91:6924-6928, 1994. ✓
	C45 ✓	Zahler <i>et al.</i> , "Distinct functions of SR proteins in alternative pre-mRNA splicing," <i>Science</i> , 260:219-222, 1993. ✓
	C46 ✓	Zahler <i>et al.</i> , "SR proteins: a conserved family of pre-mRNA splicing factors," <i>Genes &amp; Dev.</i> , 6:837-847, 1992. ✓
	C47 ✓	Zuo and Maniatis, "The splicing factor U2AF <sup>35</sup> mediates critical protein-protein interactions in constitutive and enhancer-dependent splicing," <i>Genes &amp; Dev.</i> , 10:1356-1368, 1996. ✓
	C48 ✓	Zuo and Manley, "Functional domains of the human splicing factor ASF/SF2," <i>EMBO J.</i> , 12:4727-4737, 1993. ✓
	C49 ✓	Zuo and Manley, "The human splicing factor ASF/SF2 can specifically recognize pre-mRNA 5' splice sites," <i>Proc. Natl. Acad. Sci. USA</i> , 91:3363-3367, 1994. ✓

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